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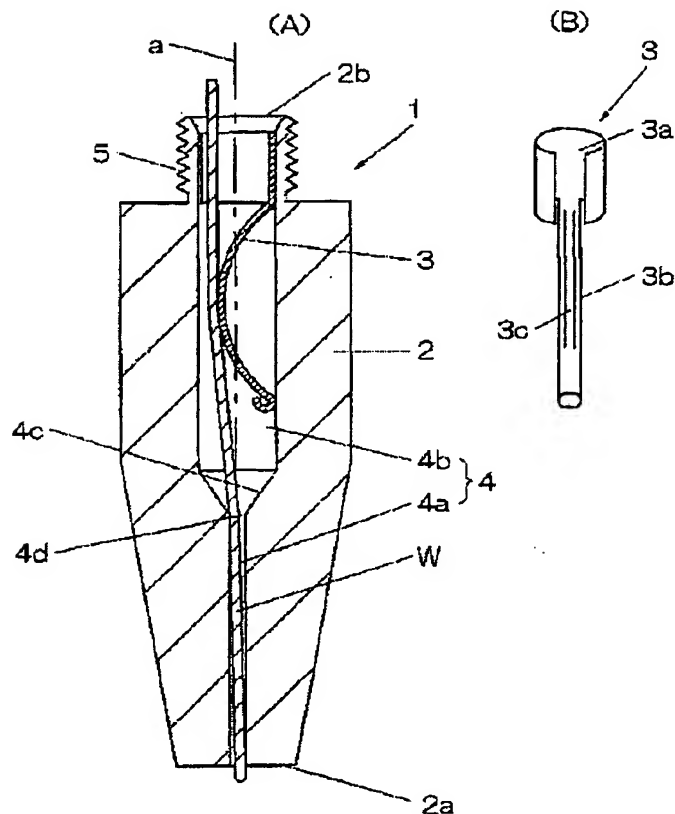
APPLICATION DATE : 07-08-00
APPLICATION NUMBER : 2000239118

APPLICANT : KUWABARA TSUNEMI;

INVENTOR : KUWABARA TSUNEMI;

INT.CL. : B23K 9/26

TITLE : WELDING CONTACT CHIP



ABSTRACT : PROBLEM TO BE SOLVED: To provide a welding contact chip which has excellent feedability of a welding wire and excellent power supply property, high durability, and is manufactured in a small number of manufacturing processes and capable of reducing the manufacturing cost.

SOLUTION: This welding contact chip comprises a chip body 2 and a leaf spring 3. The chip body 2 has a wire passing hole 4 which is through from a front end 2a to a rear end 2b. The wire passing hole 4 is larger at a rear end 4b side than at the front end side 4a. The leaf spring 3 is stored in the rear end side 4b of the wire passing hole 4 so as to press a welding wire W passing through the wire passing hole 4 against an inner wall side of the wire passing hole 4.

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Patent Abstracts of Japan

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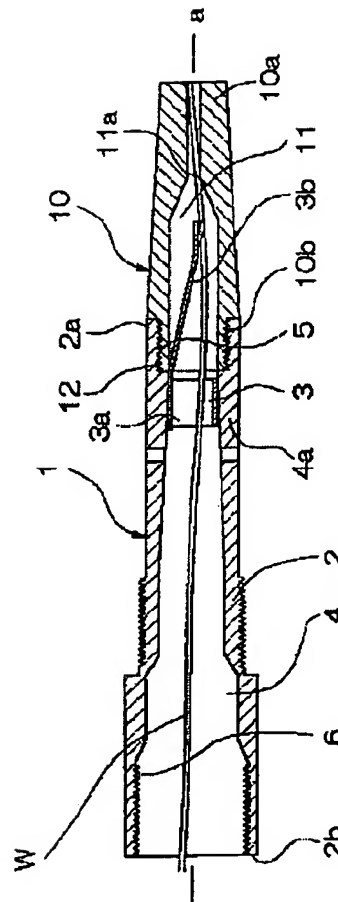
APPLICATION DATE : 30-03-01
APPLICATION NUMBER : 2001099244

APPLICANT : KUWABARA TSUNEMI;

INVENTOR : KUWABARA TSUNEMI;

INT.CL. : B23K 9/26

TITLE : TORCH JOINT FOR WELDING



ABSTRACT : **PROBLEM TO BE SOLVED:** To provide a torch joint for welding capable of reducing manufacturing costs by manufacturing through less production processes by increasing durability of a contact chip since supply-ability and feed-ability of a welding wire are excellent.

SOLUTION: The torch joint has a torch joint main body 2 and a flat sprint 3, and the torch joint main body 2 has a wire penetrating aperture 4 passing through the longitudinal direction from the tip end 2a to the rear end 2b. The tip end 2a is so composed as to be connected with the contact chip main body 10. The flat sprint 3 is fixed to the tip end of the torch joint main body 2. The flat spring 3 is inserted into the inside of a piercing aperture 11 of the contact chip main body connected to the tip end of the torch joint main body 2. The flat spring 3 presses the welding wire passing through the piercing aperture 11 to the internal wall side of the piercing aperture 11.

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